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中国鼠尾草属一新种

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A NEW SPECIES OF THE GENUS SALVIA FROM CHINA

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关键词 鼠尾草属；大别山鼠尾草
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大别山鼠尾草 新种 图1

Salvia dabieshanensis J. Q. He, sp. nov.

Species *S. paramiltiorrhizae* H. W. Li et X. L. Huang affinis, sed foliorum laminis utrinque glandulosis flavis; calycium tubis inferne intus albo-tunicatis, lobis mediis corollarum labiis inferis flabellatis, vix bifidis, lobis lateralibus apice sparse ciliatis, corollarum tubis intus ad praeter basin 2—4 mm oblique conspicue piloso-annulatis; connectivis ad articulum pilosis; nuculis minoribus differt.

Herba perennis; radices principales plerumque ramifictes, fasciariae perpendiculares vel anfractuosae, extus purpureo-brunneae, lignosae, interdum radicibus fibrosis emittentes. Caulis e rhizomate breve erectus, 0.4—1 m altus, sparse ramosus, obtuse quadrangularis, quadrisulcatus, ad partem inferiorem praecipue ad nodos pilis villosis fulvidis et retrorse pilosis, ad partem superiorem pilis glandulosis et septato-villosis dense obtectus. Folia basalia ad anthesin nulla, caulina imparipinnata opposita, (3) 5—7-foliolata; petioli 5—15 cm longi, pilis villosis et septato-villosis dense obtecti; foliola apicalia ovato-lanceolata ad elliptico lanceolata, 3—13 cm longa, 1.5—5 cm lata, apice acuminata vel acuta, basi rotundata vel rotundo-cuneata, margine irregulariter crenata, interdum 1—2 auriculato-cornuta, utrinque secus nervos villosa ceterum glandulis luteolis conspersis, petiolulis 0.8—3 cm longis; foliola lateralia elliptico-lanceolata, 2—12 cm longa, 0.8—4.5 cm lata, apice caudato-acuminata vel acuta, basi semper conspicue obliqua, sessilia vel brevis-

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sime petiolulata. Verticillastri 6—12-flori, in racemum vel paniculam racemosam 10—35 cm longum ad partem superiorem plantae compositi; bracteae minores, elliptico-lanceolatae, 1.5—8 mm longae, apice acuminatae vel acutae, basi attenuatae, sessiles, extus et margine glannduloso-pilosae, intus sparse pilosae vel glabrae; pedicelli 2—8 mm longi, ut rhachis pilis glanduloso-pilosis villosisque dense obtecti. Calyx tubulatus, 6—13 mm lougus, extus dense glanduloso-pilosis atque villosisque, intus superne brevissime nitido-pilosus, ad faucem dense albo-hirsutus, inferne albo-tunicatus; limbo bilabiato, labio supero late triangulare 1.5—3 mm longo, 4—6 mm lato, apice breviter acuto, vix lobato vel approximate 3-apiculato, labio infero in dentes 2 anguste trianqulares apice acuminates, 1.5—3 mm longos, 3—5 mm lato bipartito. Corolla flavescens vel flava, 2—2.8 cm longa, exserta, villosa, intus ad praeter basin 2—4 mm oblique conspicue piloso-annulata sed ad faucem albopilosa; tubo 8—15 mm longo, porrecto ultra calycem 2—5 mm, basi 3 mm lato, ad faucem 5—7 mm lato, intus sparse pubescente; limbo bilabiato, labio supero conduplicato-falcato 1—1.5 cm longo, apice ad 2 mm bilobato profundo fere recto, labio infero supero 1/2—1/3 breviore, tripartito, lobo medio majore, flabellato, 1.5—3 mm longo, 4—6 mm lato, margine irregulariter denticulato, basi contracto, lobis lateralibus minoribus, 1—2 mm longis 2—3 mm latis, apice rotundatis, sparse ciliatis. Stamina fertilia 2; filamenta 3—5 mm longa; connectiva paulo curvata, 2—2.5 cm longa, ad articulum pilosa, cruribus superioribus c. 1—1.7 cm longis, antheris 2.5—5 mm longis, exsertis vel leviter exsertis, inferioribus 5—12 mm longis thecis abortivis apice cohaerentibus. Stylus stamina multo longior, exsertus, apice inaequaliter 2-lobatus, lobo antico 2—3.5 mm longo, postico 0.5—1 mm longo, lineari-subulato, Discus

图1 大别山鼠尾草 *Salvia dabieshanensis* J. Q. He, sp. nov.

1.茎基部和根；2.花枝；3.茎一部分示毛和腺毛；4.节示毛和腺毛；5.叶先端一部分示背面毛被；6.叶基部示不对称；7.花萼展开示外部毛被；8.花去花冠，示花萼内部白色薄膜和硬毛、花盘、小坚果及雌蕊；9 花冠纵切示雌蕊和斜向毛环；10.花冠展开，示花丝关节处疏柔毛及花冠下唇；11.雌蕊。(何家庆绘)

antice leviter tumidus. Nuculae ellipticae, 0.8—1.2 mm longae, 0.5 mm diam. flavo-brunneae; semina atro-brunnea.

Floret et fructificat in Majo-Junio.

Distribution and habitat: On the borders of Henan, Anhui and Hubei, roadside on slope or side of thickets.

Henan (河南): Shangcheng (商城), Daliouhan (大牛山), alt. 720 m, May 22. 1987, J. Q. He et al. (何家庆等) 03146 (Typus, in Herb. Department of Biology, Anhui University).

Anhui (安徽): Qipanshi (棋盘石), alt, 1100 m, Aug. 15. 1984, J. Q. He (何家庆) 02027.

Hubei (湖北): Xiaojialing, (小界岭), alt. 580 m, May 25. 1984, J. Q. He (何家庆) 03038.

本种接近皖鄂丹参 (*S. paramiltiorrhiza* H. W. Li et X. L. Huang)，但叶两面有黄色腺点；花萼筒内下部有白色薄膜；花冠下唇中裂片扇形，顶端不为 2 小裂片，侧裂片顶端疏生缘毛，冠筒内面离基部 2 — 4 毫米处明显有斜向毛环；药隔关节处被疏柔毛；小坚果较短小等易于区别。

致谢　本文承吴征镒、李锡文及蒙仁宪三位先生审阅，提出宝贵意见及修订拉丁文，商城黄柏山林场陈世煌同志，林业局李世均同志陪同野外采集工作。